METHOD FOR DIAGNOSING EFFICACY OF XENOTYPIC ANTIBODY THERAPY

ABSTRACT OF THE DISCLOSURE

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The invention provides methods for diagnosing the efficacy of a patient to xenotypic antibody therapy which include (1) measuring the level of an antibody produced by a patient that specifically binds to a a xenotypic antibody after administration of the xenotypic antibody to the patient; (2) measuring the level of an

10   anti-idiotype antibody produced by a patient that specifically binds to a a xenotypic antibody after administration of the xenotypic antibody to the patient; (3) measuring the level of an antibody produced by a patient that specifically binds to a target antigen of a xenotypic antibody after administration of a xenotypic antibody to the patient; and (4) measuring the level of a T cell response produced by a patient to a target antigen of

15   the xenotypic antibody after administration of a xenotypic antibody to the patient. In the methods of the invention, an increase in the level of antibody or T cell response produced by the patient after the administration of the xenotypic antibody relative to the level antibody or T cell response produced by the patient prior to the administration of the xenotypic antibody is indicative of a favorable diagnosis of

20   efficacy.